FIG. 1

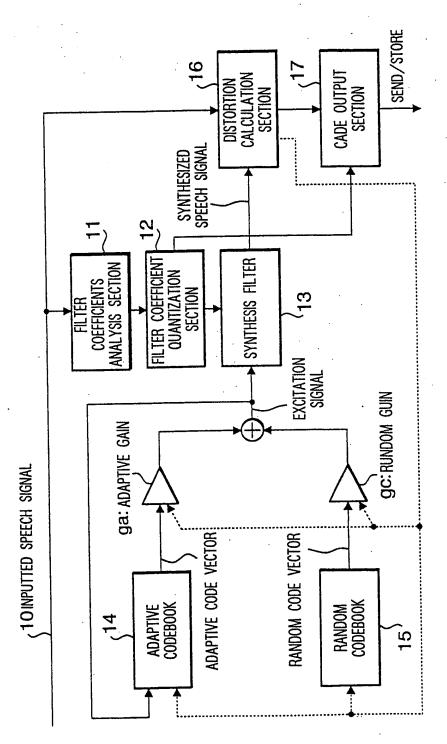


FIG. 2A

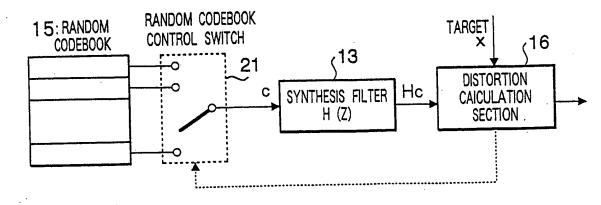


FIG. 2B 13 TARGET SYNTHESIS FILTER TIME - REVERSED TIME - REVERSED H (Z) 13) x′ RANDOM CODEBOOK 15: RANDOM CODEBOOK CONTROL SWITCH Hc SYNTHESIS FILTER <sub>(</sub>16′ H (Z) DISTORTION С CAICULATION **SECTION** 

FIG. 2C

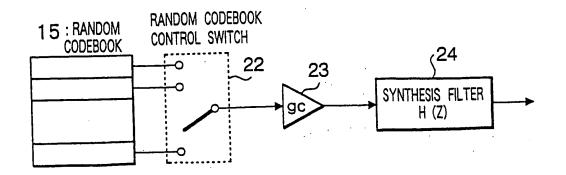


FIG. 3

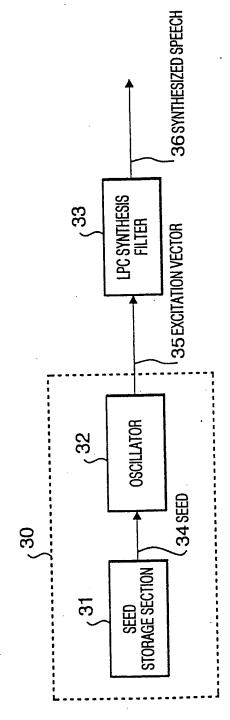


FIG. 4

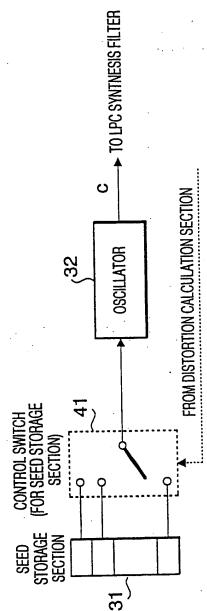


FIG. 5

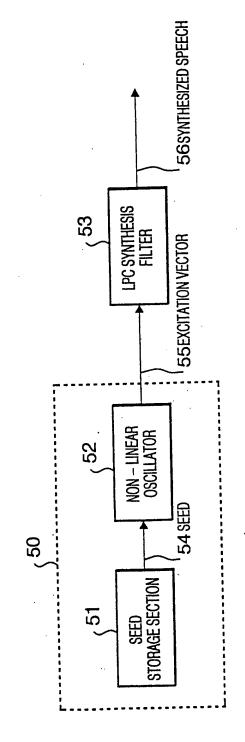


FIG. 6

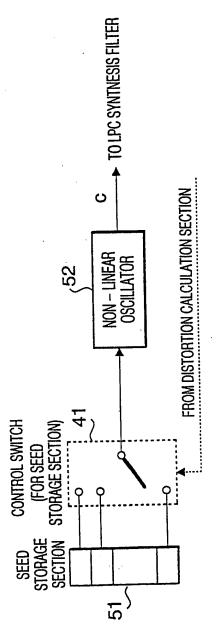


FIG. 7

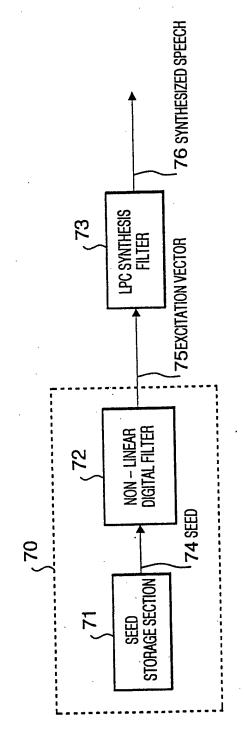


FIG. 8

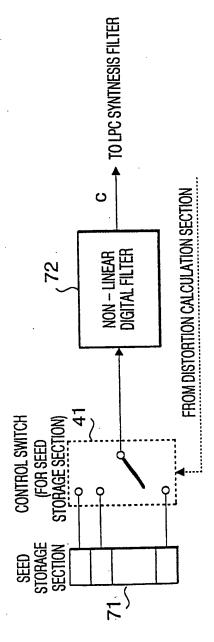


FIG. 9

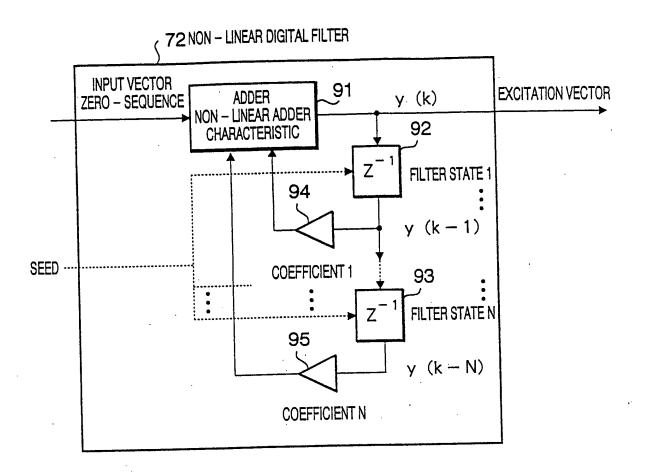


FIG. 10

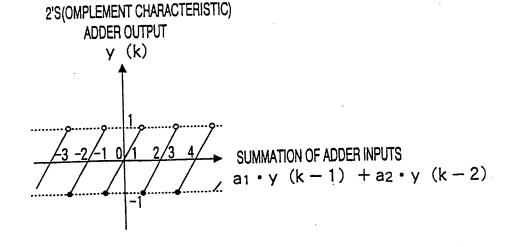


FIG. 11

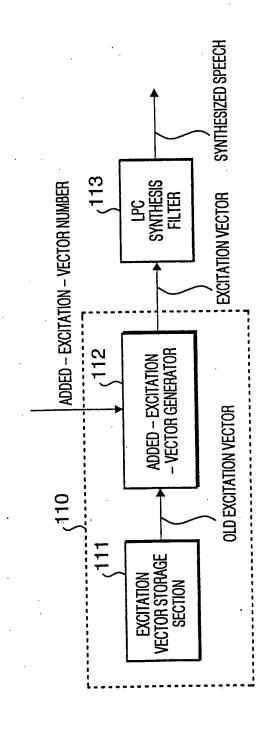
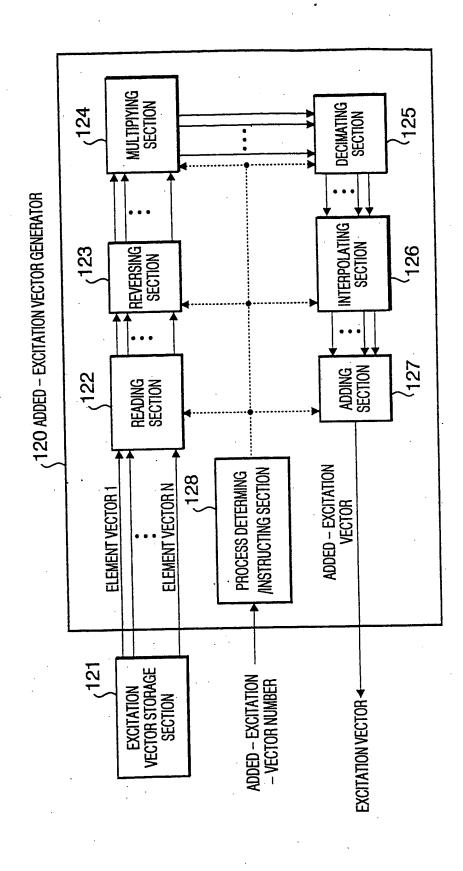
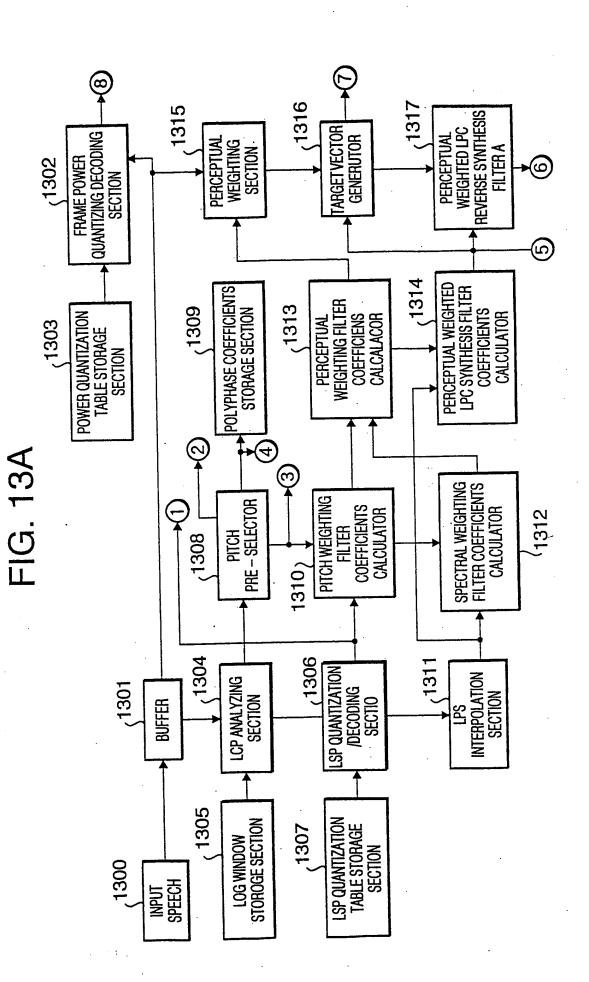
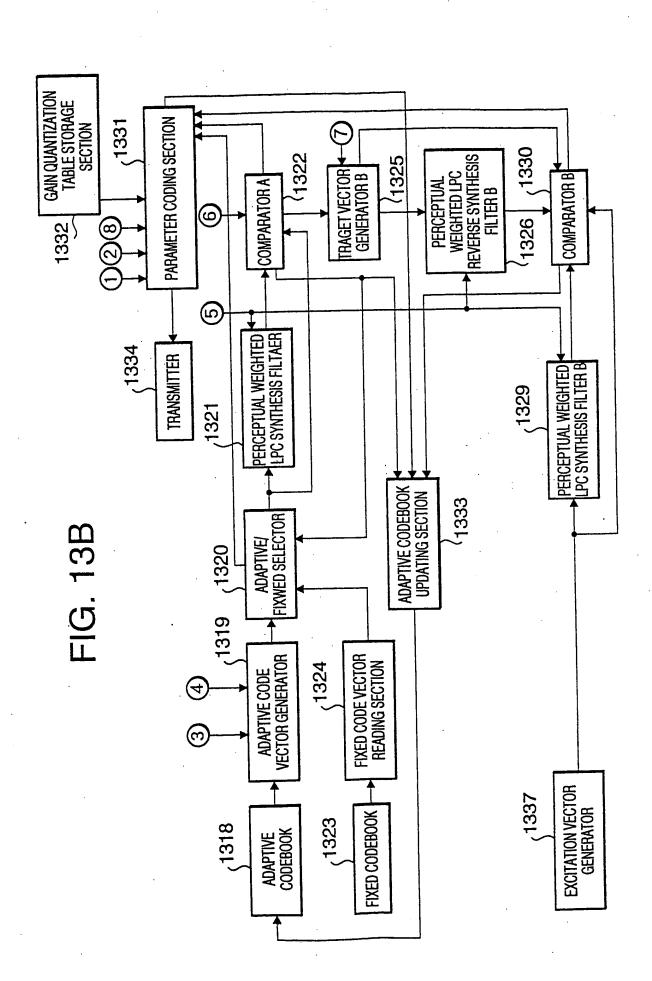


FIG. 12







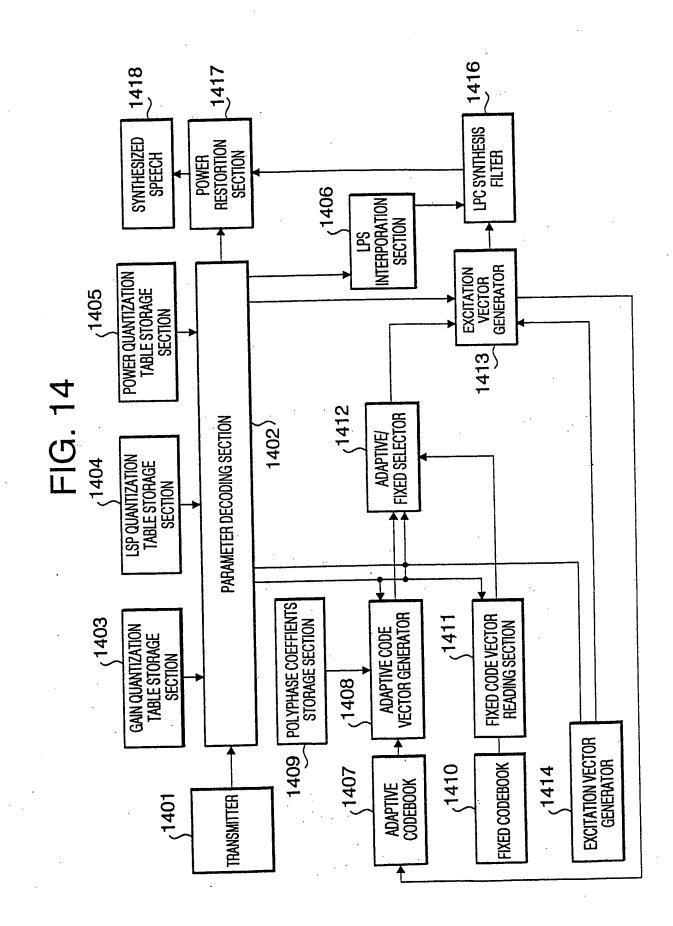


FIG. 15

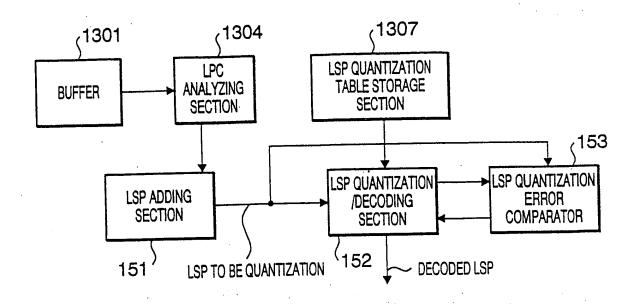


FIG. 16

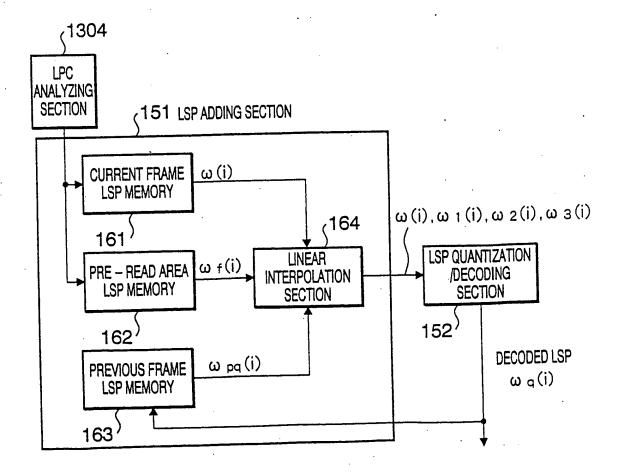


FIG. 17

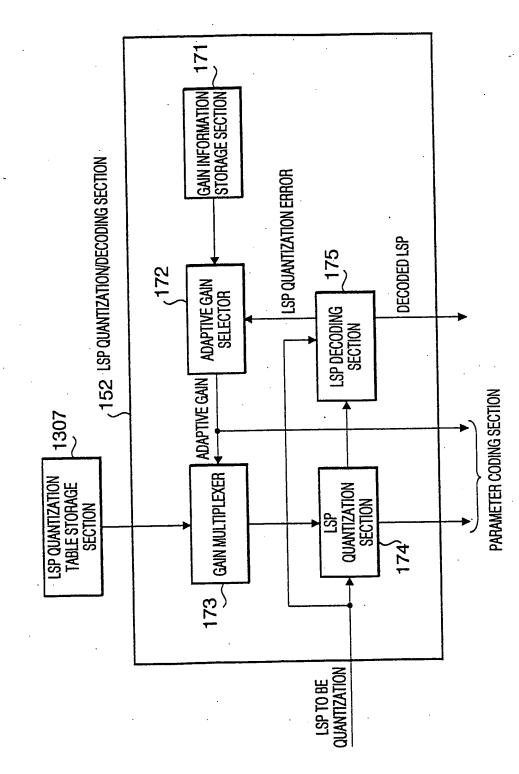
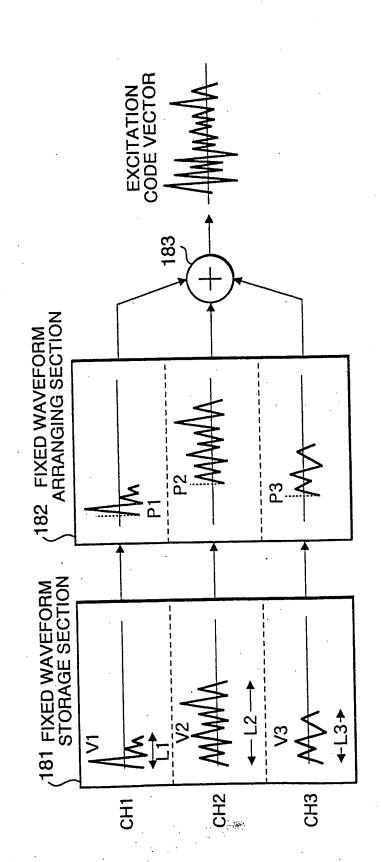


FIG. 18



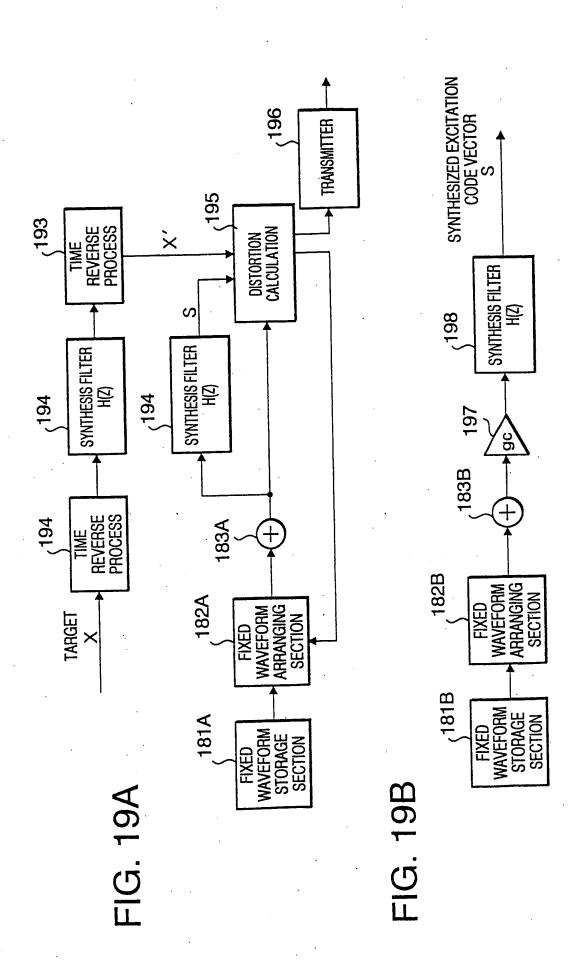


FIG. 20

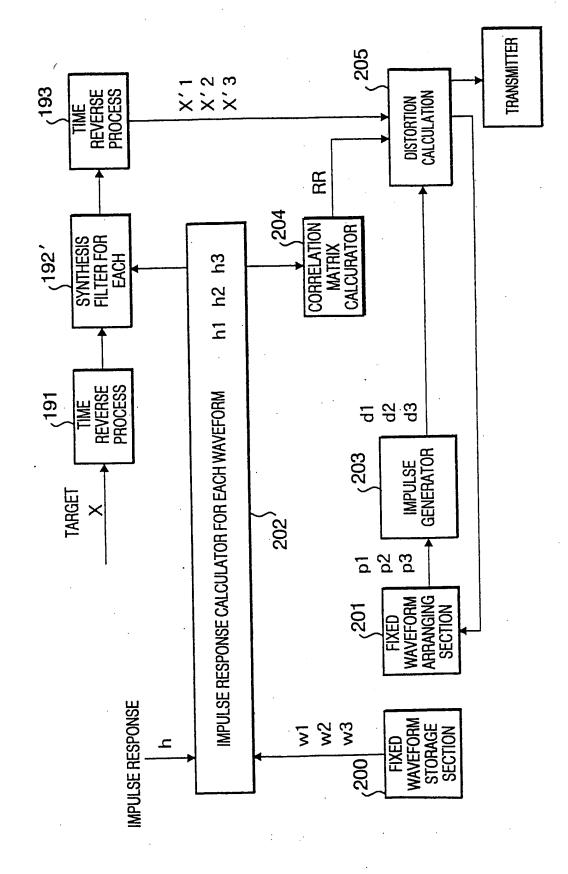


FIG. 21

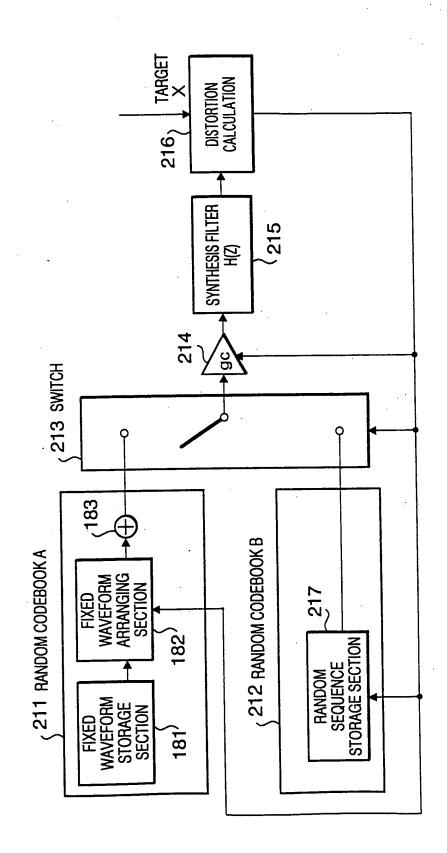


FIG. 22

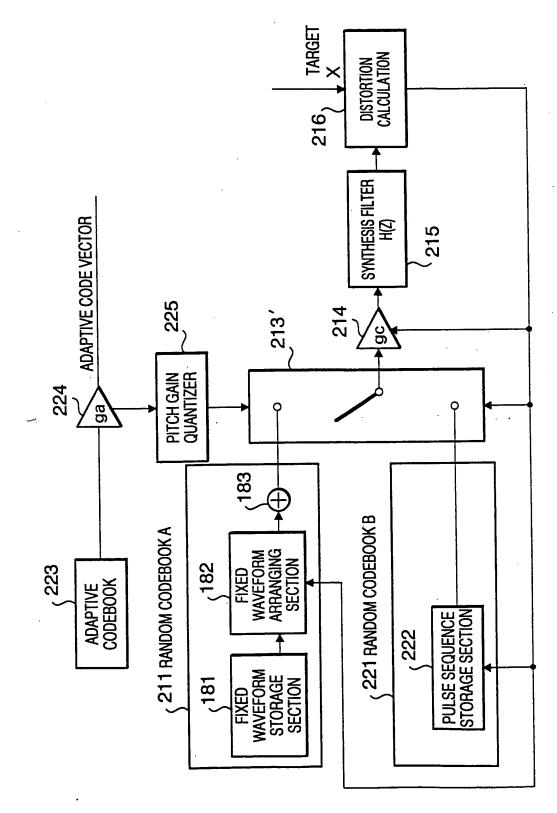
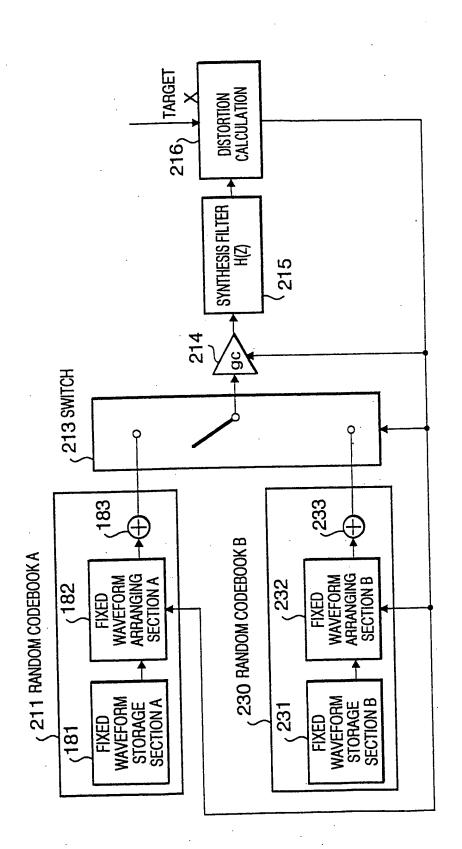


FIG. 23



( 249 248 TRANSMITTER PARAMETER CODING SECTION 241 → COMPARATOR 247 INPUT SPEECH LPC ANALYZING SECTION LPC SYNTHESIS SECTION 246 (242) 245 EXCITATION
VECTOR GENERATE
SECTION EXCITATION VECTOR GENERATOR ADAPTIVE CODEBOOK 244 243

FIG. 24

FIG. 25

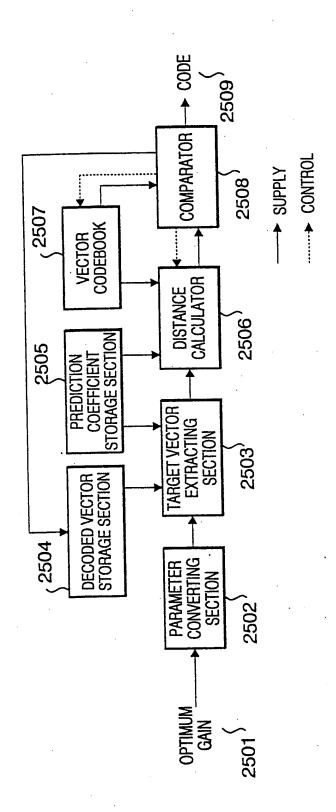


FIG. 26

